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Case No. 11470-4

PATENT APPLICATION TRANSMITTAL LETTER

To the Commissioner for Patents:

Transmitted herewith for filing is the patent application of: Kenneth James SNOWDON et al. for: A REGULAR ARRAY OF MICROSCOPIC STRUCTURES ON A SUBSTRATE AND DEVICES INCORPORATING SAME. Enclosed are:

- ☒ 2 sheet(s) of drawings, 19 pages of application (including title page), and the following Appendices : 0.
- ☒ Unsigned Combined Declaration and Power of Attorney.
- ☒ Information Disclosure Statement.
- ☒ Form PTO-1449 and 9 cited references.
- ☒ Applicant claims small entity status. See 37 CFR 1.27.
- ☒ Two Return Postcards
- ☒ Priority claim: This is a Continuation-In-part of U.S. Patent Application Serial No.: 10/168,239, filed June 17, 2002 which claims priority of PCT/GB01/00222, filed January 23, 2001 and Great Britain Patent Application No.: 0001518.01, filed January 25, 2000.

Claims as Filed	Col. 1	Col. 2
For	No. Filed	No. Extra
Basic Fee		
Total Claims	42-20	22
Indep. Claims	4-3	1
Multiple Dependent Claims Present		

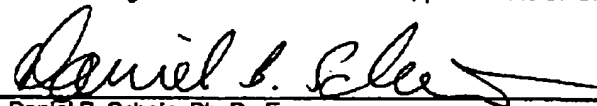
*If the difference in col. 1 is less than zero, enter "0" in col. 2.

Small Entity	
Rate	Fee
	\$ 385
22x\$9=	\$198
1x\$43=	\$43
+\$145=	\$
Total	\$626

Other Than Small Entity	
Rate	Fee
	\$
x\$18=	\$
x\$86=	\$
+\$290=	\$
Total	\$

- ☒ Please charge my Deposit Account No. 23-1925 in the amount of \$: 626.00. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$: _____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
 - ☒ Any additional filing fees required under 37 CFR § 1.16.
 - ☒ Any patent application processing fees under 37 CFR § 1.17.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
 - ☐ Any filing fees under 37 CFR § 1.16 for presentation of extra claims.
 - ☐ Any patent application processing fees under 37 CFR § 1.17.
 - ☐ The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

15 November 2003
Date


Daniel B. Schein, Ph. D., Esq.
BRINKS HOFER GILSON & LIONE
Registration No. 33,551
Customer No. 00757 - Brinks Hofer Gilson Lione



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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/714,252	11/14/2003	2818	626	11470-4	2	42	4

Daniel B. Schein, Ph.D., Esq.
 P.O. Box 28403
 San Jose, CA 95159

CONFIRMATION NO. 3831

FILING RECEIPT



OC000000011897734

Date Mailed: 02/12/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Kenneth James Snowdon, Hexham, UNITED KINGDOM;
 Matthias Marcus Batzill, Los Angeles, CA;
 Francois Bardou, Whitley Bay, UNITED KINGDOM;

Domestic Priority data as claimed by applicant

This application is a CIP of 10/168,239 06/17/2002 PAT 6,649,491
 which is a 371 of PCT/GB01/00222 01/23/2001

Foreign Applications

UNITED KINGDOM 0001518.0 01/25/2000

If Required, Foreign Filing License Granted: 02/12/2004

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

Regular array of microscopic structures on a substrate and devices incorporating same

Notice of Allowability

Application No.

10/168,239

Applicant(s)

SNOWDON ET AL.

Examiner

Quoc D Hoang

Art Unit

2818

— The MAILING DATE of this communication appears on the cover sheet with the correspondence address—

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6/17/2002.
2. ☒ The allowed claim(s) is/are 1-19.
3. ☒ The drawings filed on 17 June 2002 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No. _____.
 - (b) ☐ including changes required by the proposed drawing correction filed _____, which has been approved by the Examiner.
 - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____ |
| 5 <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. _____ | 6 <input type="checkbox"/> Examiner's Amendment/Comment |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9 <input type="checkbox"/> Other |

David Nelms
Supervisory Patent Examiner
Technology Center 2800

Application/Control Number: 10/168,239
Art Unit: 2818

Page 2

DETAILED ACTION

Response to Preliminary Amendment

1. Preliminary Amendment filed on 6/17/2002 has been entered and made of record as Paper No. 5. Claim 20 has been canceled. Claims 1-19 are pending in the application

Priority

2. Acknowledgment is made of applicant's claim for foreign priority base on an application No. 00001518.0 filed in United Kingdom on January 25, 2000.

It is noted that Applicants have filled a certified copy of said application as required by U.S.C 119, which papers have been placed of record in the file.

Information Disclosure Statement

3. Information Disclosure Statement (IDS) filed on 6/17/2002 and made of record as Paper No. 4. The references cited on the PTOL 1449 form have been considered.

Allowable Subject Matter

4. The following is an examiner's statement of reasons for allowance:

Claims 1-19 are allowable over the prior art of record because none of the prior art whether taken singularly or in combination, especially when these limitations are considered within the specific combination claims, to teach directing first particle beam onto the surface layer and at a respective acute angle to influence the direction of alignment of the separated regions.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably